APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

A New Turbidimetric Determination of Traces of Chloride, by Y. Kitano, H. Tsubota.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXV, 1954, pp 931-933.

NLL M. 4040

Sci - Chem

191,909

Apr 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

New Spectrophotometric Estimation of Cr and Co with Disodium Ethylene Diamine Tetraacetate, by Goto, Kobayashi,

JAPANESE, per, Journal Chemical Society of Japan, Vol LXXV, pp 964-968. 1954

C.S.I.R.O.

Sci - Chem

May 60

116,413

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Ohta, Masaki, Kondo, Asaji, and Ohi, Reiichi.
STUDIES ON ETHYLENE SULFIDE. REPT. 1. POLYMERIZATION OF ETHYLENE SULFIDE. [1963] 7p (foreign text included) refs
Order from SLA $1.10 TT-64-10576

Trans. of Nihon Kagaku Zasshi (Japan) 1954, v. 75, no. 10, p. 985-986.

DESCRIPTORS: *Ethylenes, *Sulfides, *Polymerization, Bases (Chemistry), Condensation reactions, Molecular weight.

(Chemistry--Organic, TT, v. 11, no. 9)

TT-64-10576

I. Ohta, M.
II. Kondo, A.
III. Ohi, R.
IV. Title: Polymerization . . .

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

a,a'-Diaminopimelic Acid in Chlorella Ellipsoidez, by Teruko Fujiwara, Shiro Akabori, 5 pp.

CHINESE, per, Nippon Kagaku Zasshi, Vol LXXV, No 10, 1954, pp 990-993. 9038628

DRB Canada T 73 J

201,282

Sci - Chem

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Diastereoisomers of Alpha, Alpha-dimethylsuccinic Acid, by Y. Izumi.

JAPANESE, per, J. Chem Soc Japan, Vol [illegible], No 11, 1954, pp 1152-1155.

T.I.L. T. 4692

Sci - Chemistry

36,914

Aug 1956

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Color Reaction of Amines With 2,4-dinitrofluorobenzene, by Hiromi Inokawa, 16 pp.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXV, No 11, Nov 1954, pp 1203-1208.

NIH Tr 918 30,336

Sci - Chemistry

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

R-494-N

JAPANESE, Nihon Kagaku Zasshi, Vol. LXXV, [illegible],
pp 1257-1259

*JPRS for Picati[illegible]

SCI - Chem
15 Mar 55

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

[illegible]-25217

Fuka, Kaitaro.
REPORT ON THE FLUORIDE CONTENT OF [illegible]
TATES AND SOIL OF TAMAGAWA [illegible]
AKITA PREFECTURE. Rept. [illegible] on Spectro[illegible] Anal[illegible]
sis of Fluorine Using CaF Band Spectrum.
4 refs. Translated into [illegible]-TT-70 [illegible]-25217
Order from: CFSTI or SLA $1.00

Trans. [illegible] (Japan) [illegible] v. 75
p. [illegible] 1959.

DESCRIPTORS: U.S. Fluorine, Hydrology, Soils, Geology,
Calcium compounds, Fluorides, Spectrography,
analysis, [illegible]

Applying a semiquantitative spectroscopic analysis
utilizing the CaF band spectrum to samples collected
from Tamagawa Hot Spring, [illegible] the
fluorine content of the hot spring precipitates, soil from
(Earth Sciences--Geology, TT, v. 9, no. 2) (over)

[illegible]-62
Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

A Quantitative Analysis of Lanthanum by Band-Spectra of Lanthanum Oxide, by R. Tehidu, 8 pp.

JAPANESE, per, J. Chem. Soc. Japan, Pure Chem. Sect., Vol LXXVI, 1955, pp 60-63.

AEC Tr 2819

44, 098

Sci - Chemistry

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Recombination of Hydrogen Atoms on Metal Surfaces. I. Recombination on the Surface of Vaporplated Copper, Silver, and Sodium, by K. Ishkda, T. Sugiura, S. Shida, 23 pp.

JAPANESE, Paper, Chem Soc Japan, Pure & Chem, Sect, 176, 1955, pp 64-69.

SLA 59-31

Sci

Jul 59

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Physicochemical Studies on Fused Salts. III. the Electroconductivity of the Mixed Fused Salts, (part 2), by K. Sakai, S. Hayashi, 9 pp.

[redacted], JAPANESE, per, J. Chem Soc Japan, Pure Chem Sect., Vol LXXVI, 1955, pp 101-104.

AEC TR 2381

Sci - Chemistry, Electricity 32,470

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

PFG (SC-T-713069) THE STRUCTURE OF AMORPHOUS CARBON (PARTS 4-6). Honda, H.; Ouchi, K.; Hirose, Y. Translated for Sandia Labs., Albuquerque, N. Mex., from Nippon Kagaku Zasshi; 76: No. 2, 148-51(Feb 1955). 10p.

materials; translations

ND-25 P RC

Unlimited

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

I[n]o [Takashi] Kondo [Tamotsu] and others.
RECIPROCAL REACTION OF FLUORESCENT PIGMENT AND A SURFACE-ACTIVE COMPOUND.
[1961] 8p. 3 refs.
Order from SLA $1.10 61-20194

Trans. of Nihon Kagaku Zasshi (Japan) 1955, v. 76, p. 220-222.

DESCRIPTORS: *Fluorescence, *Pigments, *Wetting agents, Ions, Titration, Bromides, Amines, Sulfates.

(Chemistry--Physical, TT, v. 7, no. 9)

61-20194

I. Ino, T.
II. Kondo, T.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Simple Method for Determining the Partial
[illegible] of Chlorine Aerosols, by [illegible], S.
Fujitani, S. Sugiyama, 7 pp.

[illegible], per, J. Chem. Soc. Japan Pure Chem.
Sect, Vol LXXVI, 1955, pp 466-468.

[illegible]

Sci - Chemistry

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Kuroda, Y. and Ito, K.
MOLECULAR ORBITAL TREATMENT OF METAL COMPLEX COMPOUNDS. I. MODIFIED SLATER-TYPE WAVE FUNCTIONS FOR TRANSITION ELEMENTS. II. IONIZATION POTENTIAL, ELECTRON AFFINITY, AND ELECTRONEGATIVITY OF TRANSITION ELEMENTS. III. ELECTRONIC STATE OF COMPLEX SALTS OF $[M(NH_3)_6]^{n+}$ TYPE. [1961] [22]p. 26 refs.
Order from SLA $2.60 61-20490

Trans. of [Nihon Kagaku Zasshi] (Japan) 1955, v. 76, [no. 5] p. 545-548 and [no. 7] p. 762-770.

DESCRIPTORS: *Metallic compounds, *Complex compounds, *Transition elements, Salts, *Ionization potentials, *Atomic orbitals

The effective principal quantum number, the effective
(Physics--Molecular, TT, v. 7, no. 4) (over)

61-20490

I. Kuroda, Y.
II. Ito, K.
III. Title: Modified...
IV. Title: Ionization...
V. Title: Electronic...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Electric Conduction of Gelatin Films by Isao Kamiya, 10 pp.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXVI, No 5, 1955, pp 576-579.

SLA 60-18154

203,259

Sci

Jun 60

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

The Platinum Group. III. Quantitative Analysis of Iridosmine, by S. Aoyama, K. Watanabe.

JAPANESE, Nihon Kagaku Zasshi (Chemical Society of Japan Journal: Pure Chemistry Section), Vol LXXVI, 1955, pp 597-602.

CSIRO

171,382

Sci -Chem
Oct 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

The Vibration Spectrum and Thermodynamic Function of Formamide, by M. Kofu.
JAPANESE, per; Nippon Kagaku Zasshi, Vol 76, No 7, 1955, pp 804-807.
BISI 8027

Sci-Mat
Jul 70

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Katsuki, Hirohiko.
STOFWISSELINGSFUNCTIES VAN BIOTINE. (1.) DE INVLOED VAN BIOTINE OP DE ORGANISCH-ZUUR OMZETTING VAN RICE-BLAST FUNGUS. (Metabolic function of biotin (1.). Effect of biotin on the organic acid metabolism of rice-blast fungus). 15p. 15 refs. MTWL: 833. (Text in Dutch).
Order from OTS or ETC $1.55 61-17381

Trans. of Nippon Kagaku Zasshi (Japan) 1955, v. 76, p. 941-944.

DESCRIPTORS: *Biotin, Metabolism, *Organic acids, *Fungi, Rice,

61-17381

I. Katsuki, Hirohiko.
II. MTWL-833
III. Stichting Mogelijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Studies of Flash Photochemistry (First Report.)
Test-Construction of Apparatus and the Photo-
Polymerization Reaction of Acetylene, by Z. Kuri, [illegible]

JAPANESE, per, J Chem Soc Japan, Pure Chem Sec, Vol
LVVVI, No 8, 1955, pp 944-951.

SLA Tr 57-1364

Sci - Chemistry
Feb 58

59403

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Indirect Colorimetric Determination of Thorium, by T. Mozaki, 6 pp.

JAPANESE, per, J Chem Soc Japan, Pure Chem. Sect 76, No 9, 1955, pp 996-998.

[illegible]-37[illegible]

Chem Tech Lib

68,441

Sci

Jul. 58

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Study of Aluminium Oxide as a Catalyst. II. Ammonia, Water and Pyridine High Temperature Adsorption, by T. Shiba, E. Echigoya.

JAPANESE, per, Nippon Kagaku Kaishi, Vol LXXVI, No 9, Sep 1955, pp 1049-1053.

ASLIB-3839

Sci

Aug 59

95,140

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Colorimetric Determination of Small Amounts of Fluorine With Neo Thorin, Report No 1, by E. Koichi, T. Hayami, 10 pp.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXVI, No 11, Nov 1955, pp 1291-1293.

NIH 8-12

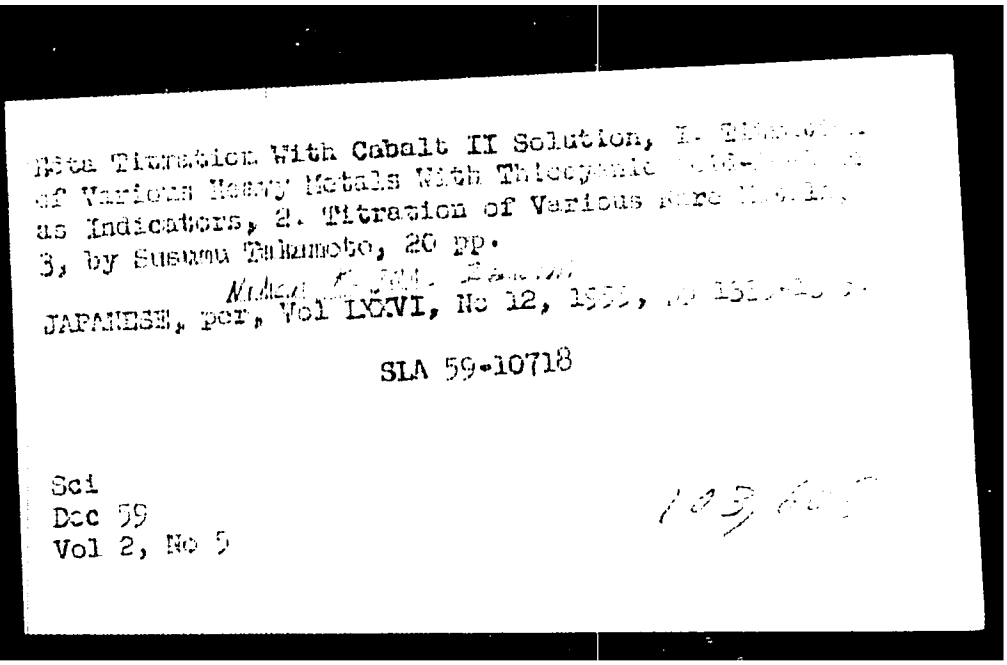
Sci - Med

73,490

Sep 58

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2



Titration With Cobalt II Solution, I. [illegible] of Various Heavy Metals With Thiocyanic [illegible] as Indicators, 2. Titration of Various Rare [illegible] 3, by Susumu Tsumoto, 20 pp.

JAPANESE, per, Vol LXXVI, No 12, 1955, [illegible]

SLA 59-10718

Sci
Dec 59
Vol 2, No 5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Dye-Sensitized Photopolymerization of Styrene. III, by H. Miyama, 5 pp.

JAPANESE, pmr, J. Chem Soc Japan, Pure Chem Sec, Vol LXXVI, 1955, pp 1361-1363.

ATS-71H13J

Sci

Aug 59

95, 385

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Studies on Phthalocyanine Derivatives. Pt 5: Iron Phthalocyaninetetra-4-Sulfonic Acid Salts, by Naomi Fukada.
JAPANESE, per, Nippon Kagaku Zasshi, Vol 76, 1955, pp 1378-1381. 92325S3
AEC UCRL-tr-1316

Sci/Chemistry
May 66

300,504

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Yuki, Hiraaki.
SYNTHESIS OF POLYPEPTIDE CONSISTING OF DL-GLUTAMIC ACID, DL-LYSINE AND DL-PHENYLALAMINE. Rept. no. 1 of Synthetic Bipolar Polypeptide. [1963] 12p. (figs. tables omitted) 13 refs. Order from SLA $1.60 63-16206

Trans. of Nihon Kagaky Zasshi (Japan) 1956, v. 77, no. 1, p. 44-47.

DESCRIPTORS: *Proteins, *Peptides, Synthesis (Chemistry), *Amino acids, *Glutamic acid, *Lysines, *Phenylalanines, Polymerization, Quantitative analysis, Carboxy-lyases, Chromatographic analysis, Electrolytic titration.

In order to obtain a substance similar to natural protein by adding neutral amino acid, together with glutamic acid and lysine and by further increasing the molecular
(Biological Sciences--Biochemistry, TT, v. 10, no. 7)
(over)

63-16206

I. Yuki, H.
II. Title: Synthetic...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Yuki, H[itaaki].
SYNTHESIS OF POLYPEPTIDE CONSISTING OF L-GLUTAMIC ACID, L-LYSINE AND L-LUECINE. Rept. no. 2 of [Synthetic Bipolar Polypeptide]. [1963] 9p. (figs. tables omitted) 5 refs.
Order from SLA $1.10 63-16207

Trans. of Nihon Kagaku Zasshi (Japan) 1956, v. 77, no. 1, p. 48-51.

DESCRIPTORS: *Peptides, *Glutamic acid, *Lycines, *Leucine, Synthesis, Polymerization, Copolymerization, *Amino acids.

(See also 63-16206)

(Chemistry--Organic, TT, v. 10, no. 7)

63-16207

I. Yuki, H.
II. Title: Synthetic...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

(SC-T-713068) THE STRUCTURE OF AMORPHOUS CARBON. PART 10. X-RAY STUDIES OF BAKELITE RESINS IN THE COURSE OF CARBONIZATION. Ouchi, K.; Honda, H. Translated for Sandia Labs., Albuquerque, N. Mex., from Nippon Kagaku Zasshi; 77: No. 1, 147-51(1956). 13p.

chemistry (organic); translations

ND-4 P RC

Unlimited

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

R-494-N

JAPANESE, Nihon Kagaku Zasshi, Vol. LXXVII, [illegible]
pp232-244

*JPRS for Picatinny Arsenal

SCI - Chem.
15 Mar 51

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Absorption of Hydrogen and Deuterium by Metallic Titanium, by Toshizo Chitani.

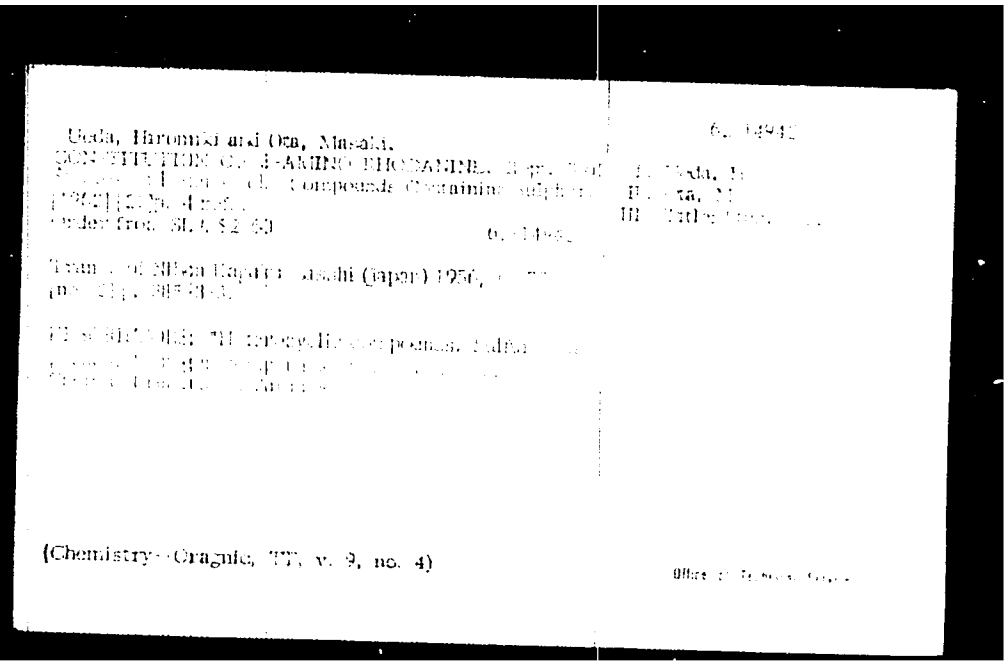
JAPANESE, per, Journal of the Chemical Society of Japan, Pur Chem Section, Vol LXXVII, 1956, pp 295-297.

*AEC-

Sci - Chem, Min/Met
Nov 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2



Ueda, Haruniki and Oda, Masaki.

(Chemistry--Organic, TT, v. 9, no. 4)

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Analyse Quantitative de L'Arsenic et de L'Antimoine en Quantite Faible Dans le Germanium et L'Oxyde de Germanium, by H. Goto, Y. Kakita, 9 p.

JAPANESE, per, Nihon Kagaku Zasshi, 1956, Vol LXXVII, pp 739-742.

CEA-tr-K123

Sci
Fel 60
Vol 2, No 10

108,821

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Content of Elements of the Thorium Series in the Hot Spring of Japan. Report No 9. Mineral Springs in the Chugoku and Shikoku Regions, by K. Shimokata, 21 pp.

JAPANESE, por, Nihon Kagaku Zasshi (Journal of the Chemical Society of Japan), Vol LXXVII, No 6, Jun 1956, pp 848-854.

NIH 8-36

Sci - Med

Sep 58

73,476

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

English Title Unknown, by M. Suzuki.
JAPANESE, per, Nihon Kagaku Zasshi, Vol 77, 1956,
pp 873-878.
NLL Ref: 8881.19 (X46)

Sci-Chem
Aug 68

361,821

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Measurement and Discussion of the Integrated Intensities of the CH and C-O Infrared Absorption Bands, by H. Tsubomura, 7 pp.

JAPANESE, par, J. Chem Soc Japan, Pure Chem Sect, Vol LXXVII, No 6, 1956, pp 962-964.

AFB-63J14J

Sci

Aug 59

95, 117

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Intramolecular Potential of Pyramidal $M(CH_3)_3$ Molecules, by Kazuhiro Shimizu, 7 pp.

JAPANESE, per, Nippon Kagaku Zasshi, Vol LXXVII, No 7, 1956, pp 1103-1105.

SLA 60-14245

Sci
Feb 62
E Vol III, No 11

184,702

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Reaction of Phenols and Anhydrous Maleic Acid by Friedel-Crafts Method, by Kogi, Hisashi, 7 pp.

JAPANESE, Nippon Kagaku Zasshi, Vol LXXVII, No 8.

CIA/FDD XX-469

Sci - Chem
Jul 58

IAC USE ONLY XX-469

67,775

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Estimation of Metallic Ion by the Oxalate Method (Report 6 - 8) by K. Kawagaki

JAPANESE, per, Journal Chemical Society of Japan, Vol LXXVII, pp 1459-1467, 1956

C.S.I.R.O.

Soi - Chem

May 60

116,414

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Studies in the Photochemistry of Flashlight, by
K. Fueki, M. Shida and Z. Kunori, 12 pp.

JAPANESE, per, J Chem Soc Japan, Vol LXXVII,
1956, pp 1532-1536.

1532

SLA 57-3004

Sci

Aug 58

71,189

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Zirconium Compounds. VI. Reaction Between Zirconyl Chloride and Oxalates, by Sadashige Takagi, 12 pp.

JAPANESE, per, Nippon Kagaku Zasshi, Vol LXXVII, 1956, pp 1568-1572.

AEC-SCL-T-486

Sci-Chem

Sep 63

3 45,254

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Cyanoacetylene, Part I. Synthesis and Some Chemical Properties, by S. Murahashi. JAPANESE, per, Nippon Kagaku Zasshi, Vol 77, 1956, pp 1689-1692. NASA TT F-11,771

Sci
Dec 68

371,113

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Studies of Silicic Acid in Aqueous Solutions. Part 3. Behavior of Silicic Acid in Aqueous Solutions Containing Fluorine Ions, by T. Tarutani.

JAPANESE, per, ~~J Chem Soc Japan, Pure Chem Sect,~~ Vol LXXVII, No 12, 1956, pp 1811-1815.

ATS JJ-2045

Sci - Chem
Dec 59

104,060

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Studies on Silicic Acid in Aqueous Solutions. Part 4. Catalytic Action of Fluorine Ions on the Formation of Colloidal Silica, by T. Torutani.

JAPANESE, per, J Chem Soc Japan, Pure Chem Sect. Vol LXXVII, No 12, 1956, pp 1815-1818.

ATS JJ-2046

Sci - Chem
Dec 59

104,061

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Surface Films of Nucleic Acid, by Kin-ichiro Miura.

JAPANESE, per, Japanese Chemical Society of Japan,
Vol LXXVIII, No 2, Feb 1957.

Navy Tr 1543/CMI-32

Sci - Chem

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by Y. Fizuka, Y. Ouchi, K. Hirota, G. Kusumoto,
6 pp.

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AEC UCRL 370

Sci - Phys

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

A Study of Some Michael Reactions Using the Molecular Orbital Theory, by Y. Oda, T. Shono.

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TIL T5226

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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Monolayer Studies of Tanning Effect etc., by Hitoo Kakiyama.

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Kobayashi, Masamitsu.
INFLUENCE OF pH ON THE INHIBITING ACTION OF SODIUM TRI-PHOSPHATE AGAINST COPPER ION-(11)--POLAROGRAPHIC STUDY. Rept. no. 8 on Analytical-Chemical Studies on Poly-phosphoric Acid. [1960] 6p. (12 figs. omitted) 4 refs.
Order from SLA mi$1.80, ph$1.80 61-10177

Trans. of [Nihon] Kagaku Zasshi (Japan) 1957, v. 78, no. 3, p. 313-316.

141, 136

(Chemistry--Analytical, TT, v. 5, no. 2)

61-10177

1. Polarographic analysis
2. Phosphoric acids--Polarographic analysis
3. Sodium phosphate--Chemical reactions
4. Copper ions--Determination
I. Kobayashi, M.
II. Title: Analytical-Chemical...

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Separation of Cesium in Low Quantities by Chromatography and Ion Exchange, by N. Yamagata.

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*JPRS for Army Roc Gui Mis Agen

Sci - Chem, Phys

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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ATS-51M41

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Vol IV, No 7
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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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R-1103-N

A Study on Chromatostrip (1) Separation and Confirmation of Nitrogen Compound (Fragance) by Chromatostrip (2) Separation of Nitrogen Compound.

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*JPRS/ Redstone Arsenal

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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Study on Deoxypentose Nucleic Acid of Herring Spermatozoa by Diffusion Measurement, by Kojiro Ino, Itaru Watanabe, 15 pp.

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Color Change of Polyvinylchloride in Thermal Degradation, by A. Konishi, 12 13 pp.

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SLA 60-18459

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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Iwaki, R. and Kamiya, I.
STUDY OF CHEMILUMINESCENCE OF DYES.
REPT. 1. PECULIARITY OF LUMINESCENCE PHENOMENA. 6p (10 figs 1 table 5ref s omitted) 4rec.s
Order from SLA $1.10 TT-64-16495

Trans. o. Nihon Kagaku Zasshi (Japan) 1957, v. 78, [no. 11] p. 1613-1617.

(Chemistry--Physical, TT, v. 12, no. 4)

TT-64-16495

I. Iwaki, R.
II. Kamiya, I.
III. Title: Peculiarity...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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Semi-Quantitative Analysis of a Small Amount of Metal by Paper Chromatography, by Harasawa, Hayano.

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CSIRO

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Asano, N. and Nojima, S.
REDUCTION OF MAGNETITE BY COPPER MATTE.
REPT. 1. [1961] [12]p. 15 refs.
Order from SLA $1.60 61-10737

Trans. of [Nihon Kogyo Kaishi] (Japan) 1958, v. 74, no. 838, p. 249-252.

DESCRIPTORS: *Magnetite, Reduction *Copper, *Ores, Processing, *Smelting.

Mixtures of magnetite and copper mattes of various composition were melted in a silica tube. The amounts of SO_2 formed by the reaction, and the composition of the samples were determined. When the copper matte was saturated with Fe_3O_4, the magnetite was rapidly reduced, but when unsaturated the reduction reaction proceeded slowly.

(Engineering--Chemical, TT, v. 6, no. 3)

61-10737

I. Asano, N.
II. Nojima, S.

17510

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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Thermodynamic Studies of Cuprous Azide, by
Shin Suzuki.

JAPANESE, per, Nippon Kagaku Zasshi, Vol LXXIV,
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ERDL, FL Polvoir T-1253

Sci - Chem
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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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The Chemical Action of a High-Frequency Electric Discharge, Part 7. Reaction Between Methane and Nitrogen Induced by a Nonpolar Discharge, by S. Miyazaki, S. Takahashi,

JAPANESE, per, J Chem Soc Japan, Pure Chem Sect, Vol LXXIX, No 1, 1958, pp 21-26.

ATS-69K24J
ATS JJ-1622

Sci - Chem
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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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ATI-69K24J
JJ-1621

Sci - Chem
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Improvements in Q Rocket Performance; Studies of Two Plans for N Rocket, 7 pp.
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JPRS GUO 3058

Sci-Missile Tech
Jul 69 384,948

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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On the Development of Large Satellites and Launching Rockets, 11 pp.
GOVERNMENT USE ONLY
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Space Development Agency Law, 16 pp.
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JAPANESE, per. Nihon Rokutto Kaihatsu Kyogikai Kaiho, Tokyo, No 137, Mar 1969, pp 27-38.
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NTC 69-11676-11J

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AEC Tr-3282

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T-1079

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ATS JJ-1623

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Chemical Reactions in a High-Frequency Electric Discharge, Part 9, Formation of Hydrogen Cyanide by the Reaction of Methane, Nitrogen and Hydrogen, by S. Miyazaki, S. Takahashi,

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ATS JJ-1624

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JAPANESE, per, Nippon Kagaku Zasshi, Vol LXXIX, 1958, pp 243-248.

AEC UCRL Tr-539(L)

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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Sci-Elec
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On the Formation of O, O-Dialkyl Hydrogen Phosphonothioates ([HO]$_2$P[S]S), And on Several of Their Properties, by Taro Yamasaki, 14 pp.

JAPANESE, Per, Nihon Kagaku Zasshi, 1958, Vol LXXIX, No 7, pp 832-836.

SLA 59-10491

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Vol 2, No 3

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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Influence of Non-Newtonian Viscosity on the Molecular Weight-Intrinsic Viscosity Relationship of High Polymer Solutions (Polystyrene ~ Toluene Solutions), by Kawahara, Kazuo, Ueda, Minoru, 17 pp.

JAPANESE, Per, Nihon Kagaku Zasshi 1958, Vol LXXIX, No 7, pp 843-848.

SLA 59-10492

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Vol 2, No 3

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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Part VIII: On the Salts of Zinc
Phthalocyanine-Tetra-(4)-
Suffonic Acid, by N. Fukada.
JAPANESE, per, Nippon Kagaku Zasshi,
Vol LXXIX, 1958, pp 980-985. 9232584
AEC UCRL-TR-1317
EDC March 1966

Sci-M/M
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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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Ion Exchange Separation of Scandium and Lanthanide Elements, by Jun Yoshimura, Yoshimasa Takashima, Hirohiko Waki, 9 pp.

JAPANESE, per, Nippon Kagaku Zasshi, Vol LXXIX, 1958, pp 1169-1172.

AEC UCRL-Tr-540(L)

Sci - Chem
Sep 60

124 241

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Aoyagi, Shigeru and Sugino, Kiichiro.
STUDIES OF THE ANODE REACTION, PT. 1. [1962]
6p 7refs RIS E-694; AERDL T-1879.
Order from OTS, SLA, or ETC $1.10 TT-62-32178

Trans. of [Nihon] Kagaku Zasshi (Japan) 1958, v. 79, no. 10 [p. 1202-1204]. (Abstract available)

DESCRIPTORS: Anodes (Electrolytic cell), *Electrolysis, Acetic acids, Sodium compounds, Acetates, *Perchlorates, *Gas analysis, Carbon dioxide, Oxygen, Hydrocarbons,

A mixed solution of acetic acid and sodium acetate, and another solution obtained by dissolving this in concentrated sodium perchlorate, were electrolyzed at a fixed potential with a platinum anode, and the resulting gases were analyzed. Of the two steps which appear in the curve of the current for the anode potential, the lower is assumed to be the step where the acetic acid
(Chemistry--Physical, TT, v. 11, no. 4) (over)

TT-62-32178

I. Title: Kolbe reaction
I. Aoyagi, S.
II. Sugino, K.
III. RIS-E-694
IV. AERDL-T-1879
V. Army Engineer Research and Development Labs., Fort Belvoir, Va.
VI. Research Information Service, New York

10-31-62
Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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Distribution Equilibria of Alkali Chlorides in the Water-n-Butanol System, by SAITO, Shosaburo, et al, JAPANESE, per, Nippon Kagaku Zasshi, Vol LXXIX, 1958, pp 1492-1495.
AEC ORNL-tr-1179

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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Studies on Methyl Isobutyl Ketone Extraction and Determination of Metallic Salts. (First Report). Extraction of Iron, Antimony, Tin, Arsenic, Selenium, Tellurium, and Germanium Mainly From Hydrochloric Acid Solutions, by Hidehiro Goto, Yachiyo Kakita, Takeshi Furukawa, 21 pp.

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AEC UCRL-Tr-541(L)

Sci - Chem
Sep 60

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Estimation of Nitrogen in Silicon Nitride, by
T. Shigeta. UNCL

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXIX, No 12, 1958, pp 1564-1566.

*TIL T 5119

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The Out-of-Plane Vibrations of Benzene, by Y. Kakiuchi.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXX, No 1, 1959, pp 21-25.

ATS JJ-1996

Sci - Chem

Jan 60

105, 694

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Structure of the Adduct of 1, 1-Diphenyl-Ethylene With Sodium and its High Polymer, by Keiji Kuwata, Shinichi Ishida, Kozo Hirota, [illegible].

JAPANESE, per, Nihon Kagaku Zasshi, 1959, Vol LXXX, No 1, pp 25-27.

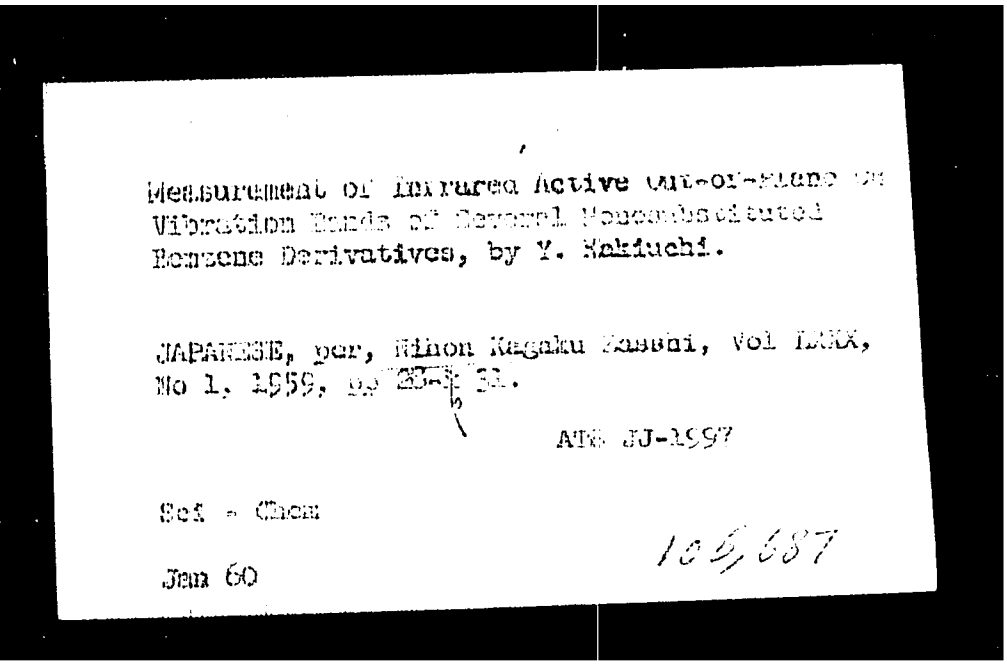
SLA 59-17077

Sci
Jan 60
Vol 2, No 3

105467

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2



Measurement of Infrared Active Out-of-Plane Ch Vibrations Bands of Several Monosubstituted Benzene Derivatives, by Y. Nakiuchi.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXX, No 1, 1959, pp 28-31.

ATD JJ-1597

Sci - Chem

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

R-1101-N

A Study on Stripehromatography Influence on the R + Value by Shape of Chromatostrip.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXX, No 1, 1959, pp 45-47.

*JPRS/ Redstone Arsenal

Sci

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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Synthesis and Polymerization of Glycidyl Vinyl Ethers, by Kawaai, Hasaburo, Tsutsumi, Shigeru. CONFIDENTIAL.
JAPANESE, per, Nippon Kagaku Zasshi: Journal Chemical Society of Japan, Vol 80, No 1, 1959, pp 88-91. 9227956
DSIS DRB Canada
T 90 J

PE-Japan
Sci/Chemistry
Jan 66 293,177

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

Sigematsu, T. and Tabushi, M.
DOSAGE PHOTOMÉTRIQUE DU BERYLLIUM PAR L'EMPLOI D'ACÉTYLACÉTONE ET APPLICATION AU DOSAGE DU BERYLLIUM CONTENU DANS LES ALLIAGES D'ALUMINIUM (Spectrophotometric Determination of Beryllium with Acetylacetone, Application to Aluminium-Alloy). 12p. 2 refs. FX-1105.
Order from OTS, ETC or CNRS $0.80 62-26937

Trans. in French of Nihon Kagaku Zasshi (Japan) 1959. v. 80, p. 162-165.

DESCRIPTORS: *Beryllium alloys, Aluminum alloys, *Beryllium, Acetones, Acetyl radicals, Absorption, Spectrophotometers.

(Physics--Spectroscopy, TT, v. 10, no. 8)

62-26937

I. Sigematsu, T.
II. Tabushi, M.
III. F/X-1105
IV. Centre National de la Recherche Scientifique, Paris (France)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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Studies on Sulfates. I. Syntheses on Sulfates With Sulfamic Acid, by S. Yamaguchi,

JAPANESE, por, ~~J. Chem Soc Japan, Pure Chem Sect~~ Nihon Kagaku Zasshi,
Vol LXXX, No 2, 1959, pp 171-173.

ATS AJ-2158
J

Sci - Chem

May 60

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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Research on Trace Elements in Iron and Steel,
by K. Narita.
JAPANESE, per, Nippon Kagaku Zasski, Vol 80,
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sci/ materials
aug 69 388,581

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870045-2

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Polymerization of Vinyl Chloride in Canal Complex Under γ -Ray Irradiation, by Ichiro Sakurada, Kiichi Kumba, 6 pp.

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SLA 61-10006

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